

FAST DEPLOY 1.2M

Ku-Band Model: AFD12



Features

- Air Craft Baggage Shippable
- Fast Response, Dependable
- Portable, Light-Weight Antenna that Maneuvers Easily
- Easy Deployment, Fast Field Assembly
- Compact and Sturdy

Applications

- Satellite News Gathering (SNG)
- Government and Military Communications
- Remote Business Applications
- Broadcasting

ATCi's portable antenna is ready for worldwide deployment. The two piece precision molded reflector and the Aluminum tripod is sturdy and easy to assemble. With all captive hardware, the complete antenna can be assembled and deployed in 5-10 minutes by one person without any tools. Pointing and peaking the antenna is easy by using hands for coarse movements and then manual cranks for smaller movements. The AZ/EL tripod mechanics allow you to lock the reflector position in it's peaked final position.

The high precision molded reflector two segments provide the user with excellent sidelobes and cross polarity isolation. The system comes in two rigid cases.

Specifications: Fast Deploy (1.2m Ku-Band) Antenna

<i>ELECTRICAL:</i>	
TX Frequency	13.75 - 14.5 GHz
TX Gain	43.2 dBi @ midband
RX Frequency	10.55 - 12.75 GHz
RX Gain	41.6 dBi @ midband
Cross-Pol Isolation	30 dB min
VSWR	1.30:1
Sidelobes	IESS 601 STD G
Antenna Noise	
Temperature	48K @40°
Power Handling	2 KW CW
TRF	Included
Waveguide Flange	WR75 flat
<i>MECHANICAL:</i>	
Mount Type	Fast deploy AZ/EL
Reflector Material	Two piece compression molded
Elevation Adjustment	0° - 90°
Azimuth Adjustment	0° - 30°
Case 1	50"X16"X32", Weight: 100 lb.
Case 2	48"X19.25"X18", Weight: 150 lb.
<i>ENVIRONMENTAL:</i>	
Wind Loading	20 mph (32 km/h) no anchors
Operational	50 mph (80 km/h) with anchors and ballasts